Assignment : 11

(a) Implement Library function related to string.
Code:

```
<!DOCTYPE html>
<html>
<body>

<?php
echo "Library Function for String" ."<br>"."<br>";

echo "strtolower"."<br>";
$str="I am Renisha Savani";
$str=strtolower($str);
echo $str . "<br>"."<br>";

echo "strtoupper"."<br>";
$st="Hello Guys";
$st=strtoupper($st);
echo $st. "<br>"."<br>";

echo "ucfirst"."<br>";
$su="hii Yash,How are you?";
$su=ucfirst($su);
echo $su. "<br>"."<br>";

echo "lcfirst"."<br>";
$sp="GOOD MORNING";
$sp=lcfirst($sp);
echo $sp. "<br>"."<br>";

echo "ucwords"."<br>";
$pm=ucwords("hello friends , what are you doing?");
echo $pm."<br>"."<br>";

echo "strrev"."<br>";
$rn=strrev("mavani");
```

```php
echo $rn."<br>"."<br>";

echo "strlen"."<br>";
$rp=strlen("what i am trying to say can u understand?");
echo $rp."<br>"."<br>";

echo "strpos"."<br>";
echo strpos("I have natkhat friend tilu!","tilu")."<br>"."<br>";

echo "str_replace"."<br>";
echo str_replace("tilu","Leader","Hello tilu")."<br>"."<br>";

echo "chr"."<br>";
echo chr(65)."<br>"."<br>";

echo "explode"."<br>";
$so = "Hello world. It's a beautiful day.";
print_r (explode(" ",$so));
echo "<br>"."<br>";

echo "bin2hex"."<br>";
$op = bin2hex("Hello World!");
echo($op)."<br>"."<br>";

echo "soundex"."<br>";
$kj = "Hello";
echo soundex($kj)."<br>"."<br>";

?>

</body>
</html>
```

Output :

Library Function for String

strtolower
i am renisha savani

strtoupper
HELLO GUYS

ucfirst
Hii Yash,How are you?

lcfirst
gOOD MORNING

ucwords
Hello Friends , What Are You Doing?

strrev
inavam

strlen
41

strpos
22

str_replace
Hello Leader

chr
A

explode
Array ([0] => Hello [1] => world. [2] => It's [3] => a [4] => beautiful [5] => day.)

bin2hex
48656c6c6f20576f726c6421

soundex
H400

(b) Implement Library function related to array.

Code :-

```php
<?php

echo "array_change_key_case()"."<br>";
$salary=array("Sonoo"=>"550000","Vimal"=>"250000","Ratan"=>"20
0000");

print_r(array_change_key_case($salary,CASE_UPPER));
echo "<br>"."<br>";

echo "array_chunk"."<br>";
$salary=array("Sonoo"=>"550000","Vimal"=>"250000","Ratan"=>"20
0000");

print_r(array_chunk($salary,2));
echo "<br>"."<br>";

echo "count"."<br>";
$season=array("summer","winter","spring","autumn");

echo count($season);
echo "<br>"."<br>";

echo "array_reverse"."<br>";
$season=array("summer","winter","spring","autumn");

$reverseseason=array_reverse($season);

foreach( $reverseseason as $s )

{

echo "$s<br />";

}
echo "<br>"."<br>";

echo "array_search"."<br>";
$season=array("summer","winter","spring","autumn");

$key=array_search("spring",$season);

echo $key;
echo "<br>"."<br>";
```

```php
echo "array_intersect"."<br>";
$name1=array("sonoo","john","vivek","smith");

$name2=array("umesh","sonoo","kartik","smith");

$name3=array_intersect($name1,$name2);

foreach( $name3 as $n )

{

echo "$n<br/>";
}
echo "<br>"."<br>";

echo "array_combine"."<br>";
$fname=array("Peter","Ben","Joe");
$age=array("35","37","43");

$c=array_combine($fname,$age);
print_r($c);
echo "<br>"."<br>";

echo "array_fill"."<br>";
$a1=array_fill(3,4,"blue");
print_r($a1);
echo "<br>"."<br>";

echo "array_diff_ukey"."<br>";
function myfunction($a,$b)
{
if ($a===$b)
  {
  return 0;
  }
  return ($a>$b)?1:-1;
}

$a1=array("a"=>"red","b"=>"green","c"=>"blue");
$a2=array("a"=>"blue","b"=>"black","e"=>"blue");

$result=array_diff_ukey($a1,$a2,"myfunction");
print_r($result);
echo "<br>"."<br>";
```

```
echo "array_product"."<br>";
$a=array(5,5);
echo(array_product($a));
echo "<br>"."<br>";

echo "array_shift"."<br>";
$a=array("a"=>"red","b"=>"green","c"=>"blue");
echo array_shift($a);
print_r ($a);
echo "<br>"."<br>";

echo "array_splice"."<br>";
$a1=array("a"=>"red","b"=>"green","c"=>"blue","d"=>"yellow");
$a2=array("a"=>"purple","b"=>"orange");
array_splice($a1,0,2,$a2);
print_r($a1);
echo "<br>"."<br>";
```

```
?>
```

Output:

array_change_key_case()
Array ([SONOO] => 550000 [VIMAL] => 250000 [RATAN] => 20 0000)

array_chunk
Array ([0] => Array ([0] => 550000 [1] => 250000) [1] => Array ([0] => 20 0000))

count
4

array_reverse
autumn
spring
winter
summer

array_search
2

array_intersect
sonoo
smith

array_combine
Array ([Peter] => 35 [Ben] => 37 [Joe] => 43)

array_fill
Array ([3] => blue [4] => blue [5] => blue [6] => blue)

array_diff_ukey
Array ([c] => blue)

array_product
25

array_shift
redArray ([b] => green [c] => blue)

array_splice
Array ([0] => purple [1] => orange [c] => blue [d] => yellow)